



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 6

Test Date: March 2008
Code: 12291608
SAU: MSAD 35
School: Marshwood Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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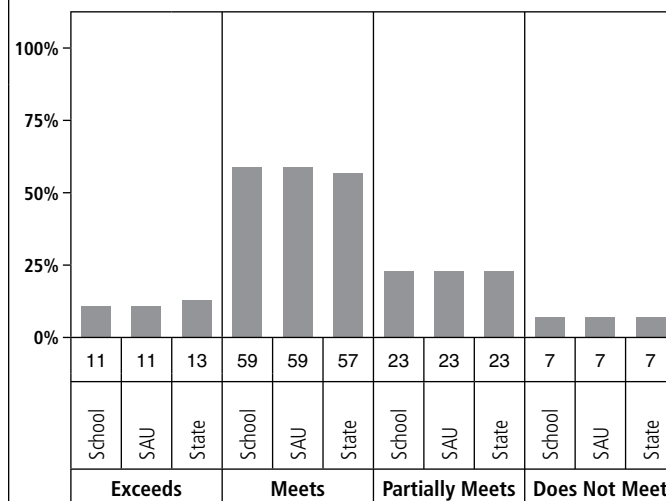
SUMMARY OF SCORES

Test Date: March 2008
Grade: 6
SAU: MSAD 35
School: Marshwood Middle School

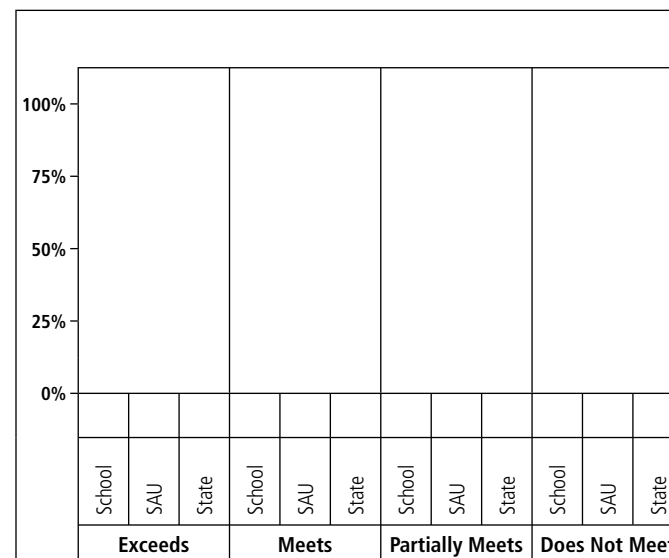
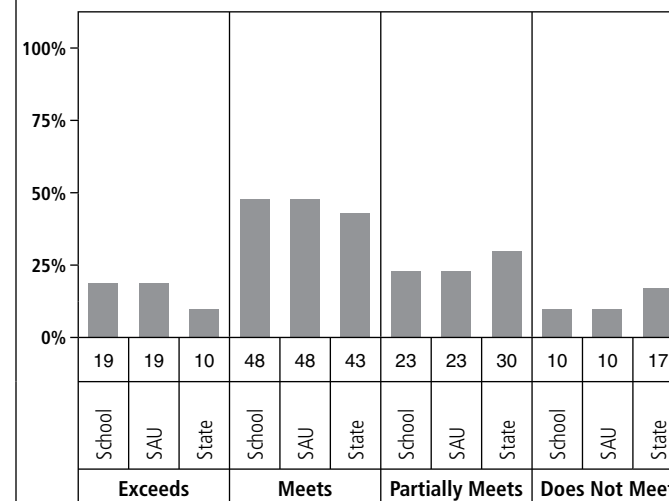
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	645	645	644
2006–2007	645	645	646
2007–2008	647	647	648
Cum. Avg. *	646	646	646
Mathematics			
2005–2006	647	647	641
2006–2007	650	650	643
2007–2008	647	647	642
Cum. Avg. *	648	648	642

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
Grade: 6
SAU: MSAD 35
School: Marshwood Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	171	100	172	100	14365	100	171	100	172	100	14266	99	171	100	172	100	14268	99						
Ethnicity African American/Black	2	1	2	1	418	3	2	100	2	100	407	97	2	100	2	100	413	99						
American Indian or Native Alaskan	0	0	0	0	111	1	0	0	0	0	110	99	0	0	0	0	110	99						
Asian or Pacific Islander	4	2	4	2	249	2	4	100	4	100	249	100	4	100	4	100	248	100						
Hispanic	0	0	0	0	149	1	0	0	0	0	147	99	0	0	0	0	147	99						
Caucasian/White	165	96	166	97	13438	94	165	100	166	100	13353	100	165	100	166	100	13350	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	34	20	35	20	2518	18	34	100	35	100	2479	99	34	100	35	100	2479	99						
Current LEP	1	1	1	1	349	2	1	100	1	100	339	97	1	100	1	100	344	99						
Economically disadvantaged	23	13	23	13	5335	37	23	100	23	100	5277	99	23	100	23	100	5279	99						
Migrant	0	0	0	0	7	0	0	0	0	0	7	100	0	0	0	0	7	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	143	84	143	83	11613	81	143	84	143	83	11626	81						
Identified disability (PET/IEP)	6	4	6	4	373	3	6	4	6	4	373	3						
LEP	1	1	1	1	187	2	1	1	1	1	187	2						
504 plan	1	1	1	1	149	1	1	1	1	1	150	1						
Participation with accommodations	21	12	21	12	2451	17	21	12	21	12	2446	17						
Identified disability (PET/IEP)	21	100	21	100	1909	78	21	100	21	100	1910	78						
LEP	0	0	0	0	142	6	0	0	0	0	152	6						
504 plan	0	0	0	0	85	3	0	0	0	0	84	3						
Other	0	0	0	0	350	14	0	0	0	0	335	14						
Participation through alternate assessment (PAAP)	7	4	8	5	197	1	7	4	8	5	196	1						
Identified disability (PET/IEP)	7	100	8	100	197	100	7	100	8	100	196	100						
LEP	0	0	0	0	5	3	0	0	0	0	5	3						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0												
Approved non-participation – special consideration	0	0	0	0	24	0	0	0	0	0	24	0						
Non-participation – other	0	0	0	0	75	1	0	0	0	0	73	1						

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008
Grade: 6
SAU: MSAD 35
School: Marshwood Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 661–680)	2005-2006	15	8	15	8	1176	8
	2006-2007	7	4	7	4	1132	8
	2007-2008	18	11	18	11	1817	13
	Cum. Total*	40	7	40	7	4125	10
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 641–660)	2005-2006	104	56	104	56	7612	51
	2006-2007	117	62	117	62	8127	57
	2007-2008	97	59	97	59	8072	57
	Cum. Total*	318	59	318	59	23811	55
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 629–640)	2005-2006	40	22	40	22	4080	27
	2006-2007	52	28	52	28	3549	25
	2007-2008	38	23	38	23	3194	23
	Cum. Total*	130	24	130	24	10823	25
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 600–628)	2005-2006	27	15	27	15	2005	13
	2006-2007	12	6	12	6	1478	10
	2007-2008	11	7	11	7	981	7
	Cum. Total*	50	9	50	9	4464	10

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	32.0	57.1	32.0	57.1	32.7	58.4
Literary Text	28	50	15.7	56.1	15.7	56.1	16.3	58.2
Informational Text	28	50	16.3	58.2	16.3	58.2	16.5	58.9

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 6
 SAU: MSAD 35
 School: Marshwood Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	164	18	11	97	59	38	23	11	7	647	164	11	59	23	7	647	14064	13	57	23	7	648
Ethnicity																						
African American/Black	2										2						399	7	47	28	17	642
American Indian or Native Alaskan	0										0						108	4	54	32	10	643
Asian or Pacific Islander	4										4						247	16	60	20	4	650
Hispanic	0										0						145	8	45	34	14	643
Caucasian/White	158	17	11	94	59	36	23	11	7	647	158	11	59	23	7	647	13165	13	58	22	7	648
Not Reported	0										0						0					
Identified disability																						
Yes	27	1	4	4	15	13	48	9	33	635	27	4	15	48	33	635	2282	2	29	42	27	636
No	137	17	12	93	68	25	18	2	1	649	137	12	68	18	1	649	11782	15	63	19	3	650
Current LEP																						
Yes	1										1						329	4	44	30	22	640
No	163	18	11	96	59	38	23	11	7	647	163	11	59	23	7	647	13735	13	58	23	7	648
Economically disadvantaged																						
Yes	22	1	5	10	45	9	41	2	9	643	22	5	45	41	9	643	5153	6	51	31	12	643
No	142	17	12	87	61	29	20	9	6	648	142	12	61	20	6	648	8911	17	61	18	4	650
Migrant																						
Yes	0										0						7	14	57	14	14	648
No	164	18	11	97	59	38	23	11	7	647	164	11	59	23	7	647	14057	13	57	23	7	648
Gender																						
Female	87	11	13	52	60	19	22	5	6	648	87	13	60	22	6	648	6967	16	59	20	5	650
Male	77	7	9	45	58	19	25	6	8	645	77	9	58	25	8	645	7097	9	56	26	9	646
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1186	6	41	42	11	642
No	164	18	11	97	59	38	23	11	7	647	164	11	59	23	7	647	12878	14	59	21	7	648
Gifted/talented program																						
Yes	0										0						557	50	48	2	0	661
No	164	18	11	97	59	38	23	11	7	647	164	11	59	23	7	647	13507	11	58	24	7	647

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 6
SAU: MSAD 35
School: Marshwood Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	2 70 26 2	0 14 3 1	0 12 7 25	0 68 27 2	0 60 64 50	3 27 8 0	75 24 19 0	1 5 4 1	25 4 10 25	635 647 647 649	2 70 26 2	0 12 7 25	0 60 64 50	75 24 19 0	25 4 10 25	635 647 647 649	6 56 34 3	7 13 15 9	43 58 60 46	30 23 20 29	20 6 5 16	641 648 649 643
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading? A. The questions on the test match what I have learned in reading class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	54 37 5 4	11 6 1 0	13 10 13 0	52 39 3 2	59 65 38 29	21 11 4 2	24 18 50 29	4 4 0 3	5 7 0 43	648 647 645 634	54 37 5 4	13 10 13 0	59 65 38 29	24 18 50 29	5 7 0 43	648 647 645 634	40 48 9 3	17 12 7 3	60 59 45 31	19 23 34 37	5 6 15 29	650 648 643 637
Which of the following best describes how you rate yourself as a student in reading? A. very good B. good C. fair D. poor	36 55 9 0	14 4 0 0	24 4 0 0	36 53 8 0	61 58 57 0	4 29 5 0	7 32 36 0	5 5 1 0	8 5 7 0	653 644 641 0	36 55 9 0	24 4 0 0	61 58 57 0	7 32 36 0	8 5 7 0	653 644 641 0	28 54 16 2	26 9 3 1	58 61 48 37	11 24 37 39	4 6 13 23	653 647 642 637
How difficult was the reading part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	14 69 17	1 11 6	4 10 22	15 67 12	65 60 44	2 29 7	9 26 26	5 4 2	22 4 7	643 648 648	14 69 17	4 10 22	65 60 44	9 26 26	22 4 7	643 648 648	15 66 18	10 13 15	48 59 58	27 22 20	15 5 7	644 649 649
How difficult were the reading passages on this test? A. Most of the passages were more difficult than what I normally read. B. Most of the passages were about the same as what I normally read. C. Most of the passages were easier than what I normally read.	4 51 44	0 8 10	0 10 14	2 49 43	29 60 61	2 21 15	29 26 21	3 4 3	43 5 4	634 647 649	4 51 44	0 10 14	29 60 61	29 26 21	43 5 4	634 647 649	9 54 36	2 9 21	37 59 60	37 26 15	23 6 4	638 647 652
How hard did you try on the reading part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	31 67 2	6 11 1	12 10 33	24 68 2	48 63 67	15 23 0	30 21 0	5 6 0	10 6 0	645 648 650	31 67 2	12 10 33	48 63 67	30 21 0	10 6 0	645 648 650	46 50 3	13 14 5	56 60 46	24 21 30	7 6 20	648 649 641
How much time do you spend reading at home each day? A. more than one hour B. 20 minutes to an hour C. less than 20 minutes D. I rarely read at home.	21 46 20 13	6 8 3 1	18 11 9 5	22 50 15 10	65 66 47 45	4 17 10 7	12 22 31 32	2 1 4 4	6 1 13 18	651 648 644 640	21 46 20 13	18 11 9 5	65 66 47 45	12 22 31 32	6 1 13 18	651 648 644 640	19 51 12 18	19 15 9 4	58 60 56 50	17 20 26 34	6 5 9 13	651 649 646 643
Optional school/SAU question A. B. C. D.	40 20 20 20	0 0 0 0	0 0 0 0	0 0 1 0	0 0 100 0	1 1 0 1	50 100 0 100	1 0 0 0	50 0 0 0	629 638 642 630	40 20 20 20	0 0 0 0	0 0 100 0	50 100 0 100	50 0 0 0	629 638 642 630						

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 6
SAU: MSAD 35
School: Marshwood Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 661–680)	2005-2006	41	22	41	22	1463	10
	2006-2007	49	26	49	26	2092	15
	2007-2008	31	19	31	19	1474	10
	Cum. Total*	121	23	121	23	5029	12
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 641–660)	2005-2006	79	43	79	43	5914	40
	2006-2007	88	47	88	47	5731	40
	2007-2008	79	48	79	48	6008	43
	Cum. Total*	246	46	246	46	17653	41
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 627–640)	2005-2006	38	21	38	21	4494	30
	2006-2007	36	19	36	19	4175	29
	2007-2008	37	23	37	23	4244	30
	Cum. Total*	111	21	111	21	12913	30
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 600–626)	2005-2006	27	15	27	15	3014	20
	2006-2007	15	8	15	8	2308	16
	2007-2008	17	10	17	10	2346	17
	Cum. Total*	59	11	59	11	7668	18

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	19	34	11.0	57.9	11.0	57.9	9.6	50.5
Cluster 2: Shape and Size	15	27	9.1	60.7	9.1	60.7	8.1	54.0
Cluster 3: Mathematical Decision Making	7	13	4.8	68.6	4.8	68.6	4.2	60.0
Cluster 4: Patterns	15	27	8.2	54.7	8.2	54.7	7.5	50.0

- Cluster 1: Numbers and Operations**
 A. Numbers and Number Sense
 B. Computation
 I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
 E. Geometry
 F. Measurement
- Cluster 3: Mathematical Decision Making**
 C. Data Analysis and Statistics
 D. Probability
- Cluster 4: Patterns**
 G. Patterns, Relations, and Functions
 H. Algebra Concepts
 K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
Grade: 6
SAU: MSAD 35
School: Marshwood Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	164	31	19	79	48	37	23	17	10	647	164	19	48	23	10	647	14072	10	43	30	17	642
Ethnicity																						
African American/Black	2										2						409	4	26	35	35	632
American Indian or Native Alaskan	0										0						108	6	26	39	29	635
Asian or Pacific Islander	4										4						247	13	50	25	13	646
Hispanic	0										0						145	9	32	34	25	638
Caucasian/White	158	30	19	75	47	36	23	17	11	647	158	19	47	23	11	647	13163	11	43	30	16	643
Not Reported	0										0						0					
Identified disability																						
Yes	27	1	4	5	19	8	30	13	48	629	27	4	19	30	48	629	2283	2	18	31	49	627
No	137	30	22	74	54	29	21	4	3	651	137	22	54	21	3	651	11789	12	48	30	10	645
Current LEP																						
Yes	1										1						339	5	22	32	41	631
No	163	31	19	78	48	37	23	17	10	647	163	19	48	23	10	647	13733	11	43	30	16	643
Economically disadvantaged																						
Yes	22	2	9	9	41	9	41	2	9	643	22	9	41	41	9	643	5160	4	34	36	26	636
No	142	29	20	70	49	28	20	15	11	648	142	20	49	20	11	648	8912	14	48	27	11	646
Migrant																						
Yes	0										0						7	0	57	43	0	641
No	164	31	19	79	48	37	23	17	10	647	164	19	48	23	10	647	14065	10	43	30	17	642
Gender																						
Female	87	14	16	48	55	17	20	8	9	648	87	16	55	20	9	648	6974	10	43	31	16	642
Male	77	17	22	31	40	20	26	9	12	647	77	22	40	26	12	647	7098	11	42	30	17	642
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1192	4	23	43	30	634
No	164	31	19	79	48	37	23	17	10	647	164	19	48	23	10	647	12880	11	44	29	15	643
Gifted/talented program																						
Yes	0										0						557	53	42	4	0	663
No	164	31	19	79	48	37	23	17	10	647	164	19	48	23	10	647	13515	9	43	31	17	641

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 6
SAU: MSAD 35
School: Marshwood Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	2	0	0	1	25	1	25	2	50	630	2	0	25	25	50	630	6	6	33	31	31	635
B. less than one hour	70	27	24	52	46	25	22	10	9	649	70	24	46	22	9	649	56	11	43	30	16	643
C. one to two hours	26	3	7	24	57	10	24	5	12	645	26	7	57	24	12	645	34	11	45	30	14	644
D. more than two hours	2	1	25	2	50	1	25	0	0	652	2	25	50	25	0	652	3	6	33	32	28	636
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	61	23	23	50	51	17	17	9	9	650	61	23	51	17	9	650	45	14	47	28	11	646
B. They match some of what I have learned.	33	8	15	25	46	16	30	5	9	645	33	15	46	30	9	645	43	8	43	33	17	641
C. They match just a little of what I have learned.	4	0	0	2	29	3	43	2	29	634	4	0	29	43	29	634	9	6	30	33	32	635
D. There is no match.	2	0	0	1	33	1	33	1	33	631	2	0	33	33	33	631	3	5	15	25	54	626
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	32	24	46	20	38	5	10	3	6	658	32	46	38	10	6	658	29	24	51	17	8	651
B. good	54	6	7	49	56	24	27	9	10	644	54	7	56	27	10	644	48	6	45	33	16	641
C. fair	14	1	4	9	39	8	35	5	22	637	14	4	39	35	22	637	19	1	29	42	28	634
D. poor	1	0	0	1	100	0	0	0	0	650	1	0	100	0	0	650	3	0	15	41	44	627
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	16	2	8	13	50	8	31	3	12	644	16	8	50	31	12	644	24	5	38	33	24	638
B. about the same as my regular schoolwork	71	24	21	55	48	24	21	12	10	648	71	21	48	21	10	648	62	9	45	31	14	643
C. easier than my regular schoolwork	13	5	24	9	43	5	24	2	10	648	13	24	43	24	10	648	14	26	43	20	12	650
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	39	11	17	28	44	18	29	6	10	645	39	17	44	29	10	645	48	10	41	32	17	642
B. I tried about the same as I do on my regular schoolwork.	60	20	21	49	51	18	19	10	10	649	60	21	51	19	10	649	49	12	45	28	15	644
C. I did not try as hard on this test as I do on my regular schoolwork.	2	0	0	1	33	1	33	1	33	636	2	0	33	33	33	636	3	9	33	27	32	637
How often do you use hands-on materials in mathematics class?																						
A. almost every day	32	8	15	24	46	12	23	8	15	644	32	15	46	23	15	644	17	8	39	30	22	639
B. two or three days a week	48	16	21	41	53	17	22	4	5	650	48	21	53	22	5	650	34	11	44	31	14	643
C. two or three times each month	15	6	24	11	44	4	16	4	16	649	15	24	44	16	16	649	31	12	44	29	15	644
D. never or almost never	5	1	11	3	33	4	44	1	11	642	5	11	33	44	11	642	18	10	42	31	18	642
How often do you use calculators in mathematics class?																						
A. almost every day	16	5	19	10	37	9	33	3	11	646	16	19	37	33	11	646	11	11	37	29	23	641
B. two or three days a week	55	18	20	46	51	20	22	6	7	649	55	20	51	22	7	649	32	11	44	30	15	643
C. two or three times each month	26	6	14	23	53	7	16	7	16	646	26	14	53	16	16	646	32	11	45	30	15	643
D. never or almost never	2	2	50	0	0	1	25	1	25	654	2	50	0	25	25	654	26	9	40	32	19	641
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	8	3	23	3	23	6	46	1	8	644	8	23	23	46	8	644	7	6	29	33	32	635
B. 30–45 minutes	27	2	5	17	40	15	35	9	21	639	27	5	40	35	21	639	37	8	39	34	20	640
C. 45–60 minutes	64	24	23	57	55	16	15	7	7	651	64	23	55	15	7	651	42	13	47	28	12	645
D. more than 60 minutes	1	2	100	0	0	0	0	0	0	671	1	100	0	0	0	671	15	12	46	27	15	644
Optional school/SAU question																						
A.	40	0	0	0	0	0	0	2	100	616	40	0	0	0	100	616						
B.	20	0	0	0	0	1	100	0	0	640	20	0	0	100	0	640						
C.	20	0	0	0	0	1	100	0	0	640	20	0	0	100	0	640						
D.	20	0	0	0	0	0	0	1	100	626	20	0	0	0	100	626						